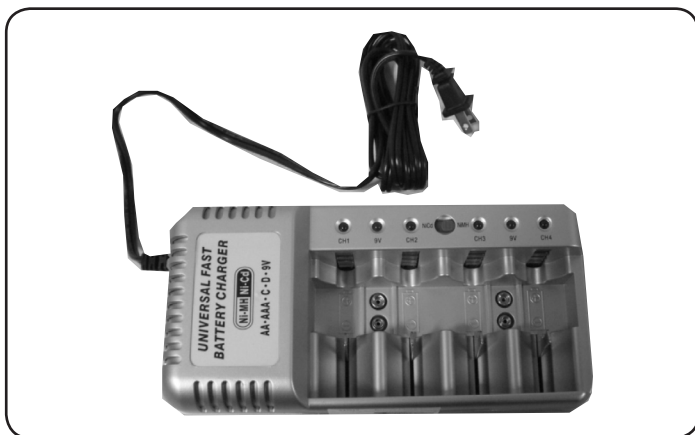


UNIVERSAL NiCd/NiMH FAST BATTERY CHARGER

Model 47618

SET UP AND OPERATING INSTRUCTIONS



Distributed exclusively by Harbor Freight Tools®.

3491 Mission Oaks Blvd., Camarillo, CA 93011

Visit our website at: <http://www.harborfreight.com>



**Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.**

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For technical questions or replacement parts, please call 1-800-444-3353.

PRODUCT SPECIFICATIONS

Power Input	120 V~ / 60 Hz / 12 W
Power Output	400 mA
Battery Types	NiCd & NiMH
Battery Sizes	AAA, AA, C, D and 9V
Charging Capacity	D, C, AA & AAA - Charge up to FOUR each. 9V - Charge up to TWO each.
Charging Time	NiCd Cells: AAA, AA, C, D - 5 Hours NiCd 9V, 110 mAh: 10 Hours* NiMH Cells: AAA, AA, C - 8 Hours NiMH D Cells - 16 Hours^ NiMH 9V, 150-160 mAh: 15 Hours* *This battery's charge time needs to be monitored manually. ^This battery needs more than one cycle to fully charge.



HOUSEHOLD USE ONLY

SAVE THIS MANUAL

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Write the product's serial number in the back of the manual near the assembly diagram, or write month and year of purchase if product has no number. Keep this manual and invoice in a safe and dry place for future reference.

IMPORTANT SAFEGUARDS

READ AND UNDERSTAND ALL INSTRUCTIONS

When using electrical appliances, basic safety precautions should always be followed including the following:

1. CAUTION: Risk of shock! Dry location use only.
2. Charge ONLY NiCd or NiMH type rechargeable batteries. Other types of batteries may burst causing injury and/or property damage.
3. Do not open housing.
4. Do not overcharge batteries.
5. Do not charge NiCd or NiMH batteries at the same time.
6. Do not charge damaged batteries.
7. Follow all manual instructions.

8. Always wear ANSI-approved safety goggles during use.
9. Do not cover the vents of the Fast Battery Charger, place on a hard surface.
10. Keep this Fast Battery Charger out of the reach of children.
11. Unplug the Charger from outlet when not in use.
12. Do not operate this Fast Battery Charger with a damaged cord or plug or after any malfunctions. Do not use if it has been damaged in any manner.
13. Do not use outdoors.
14. Do not use this Fast Battery Charger for other than intended use.
15. This Fast Battery Charger has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. To reduce the risk of electric shock, this plug is intended to fit into a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not change the plug in any way.
16. Maintain labels and nameplates. These carry important information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
17. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

SAVE THESE INSTRUCTIONS.

Power Cord Safety

1. A short power supply cord is to be provided to reduce risks resulting from becoming entangled in or tripping over a longer cord.
2. Longer extension cords are available and may be used if care is exercised in their use. Follow all directions when using a long extension cord.
3. If a long extension cord is used,
 - a. the marked electrical rating of the (detachable power supply cord or) extension cord should be at least as great as the electrical rating of the appliance,
 - b. if the appliance is of the grounded type, the extension cord should be a grounding type 3-wire cord, and
 - c. the longer cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over.

UNPACKING

When unpacking, check to make sure that the item is intact and undamaged. If any problem exists, please call Harbor Freight Tools at the number shown on the cover of this manual as soon as possible.

OPERATION

1. Place the Fast Battery Charger on a flat, smooth, dry surface near an electrical outlet.
2. Insert 1 to 4, D, C, AA, AAA batteries, or 1 to 2 9V batteries in the Battery Compartment. DO NOT MIX NiCd (NICKEL-CADMIUM) AND NiMH (NICKEL-METAL HYDRIDE) BATTERIES.



3. Slide the Battery Type Switch to select the correct type of battery. For Nickel-Cadmium batteries, set the Battery Type Switch to the NiCd position. For Nickel-Metal Hydride batteries, set the Battery Type Switch to the NiMH position. See illustration.
4. Plug the Charger into a correct household electric outlet. The LED (CH 1, CH 2, CH 3 or CH 4) will glow red color to indicate the proper charging. After the proper charge time is reached (5 hours for NiCd and 8 hours for NiMH, except for 9V of both types, and NiMH D Cells), the red lights will turn off and the trickle charge is on.

The charged batteries are now ready for use. See illustration.

5. Unplug the Fast Battery Charger and remove all batteries when not in use.

Note: When 9V batteries are placed in the Charger the green light at the top of the Charger will come on. After 10 Hours for NiCd (110 mAh) and 15 hours for NiMH (150-160 mAh), remove the 9V batteries from the Charger. The 9V batteries are now ready for use.

Note: The charging of 9V batteries is by manual control. You must observe the charging time. Periodically check the condition of the charger and batteries. Do not over charge the batteries. The green light will stay on until you remove the 9V batteries from the Battery Compartment.

Note: Unplug and then re-plug the Fast Battery Charger each time you re-charge the empty batteries, to reset the charger.

Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Replacement parts are not available for this product.

TROUBLESHOOTING

Problem	Possible Solution
The Charge Indicator Light(s) do not illuminate when battery(ies) are inserted.	<ol style="list-style-type: none">1. Make sure the Power Cord/Plug of the Fast Battery Charger is plugged into a working 120 Volt, grounded, electrical outlet.2. Disconnect the Power Cord/Plug from its electrical outlet. Check to make sure each battery is inserted properly into the Battery Compartment.
The Fast Battery Charger and/or the batteries feel warm to the touch.	This is normal and should not be cause for concern.

LIMITED 90 DAY WARRANTY

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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